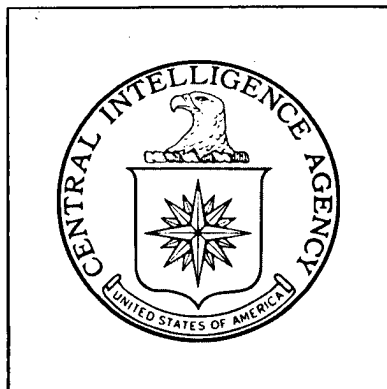


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Honan Province, China

Top Secret

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DATE February 1971

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on late 1969 and 1970 photography, updates previous basic reporting on four of the major electric power plants in Honan Province, east-central China. The cut-off date for information is September 1970.

No changes were observed at any of the plants since the previous report. The status of construction at the An-yang Thermal Power Plant could not be determined because of smoke obscuring the boilerhouses.

Three of the plants were operating on the latest coverage. The San-men Hsia Hydro Power Plant did not appear to be operating.

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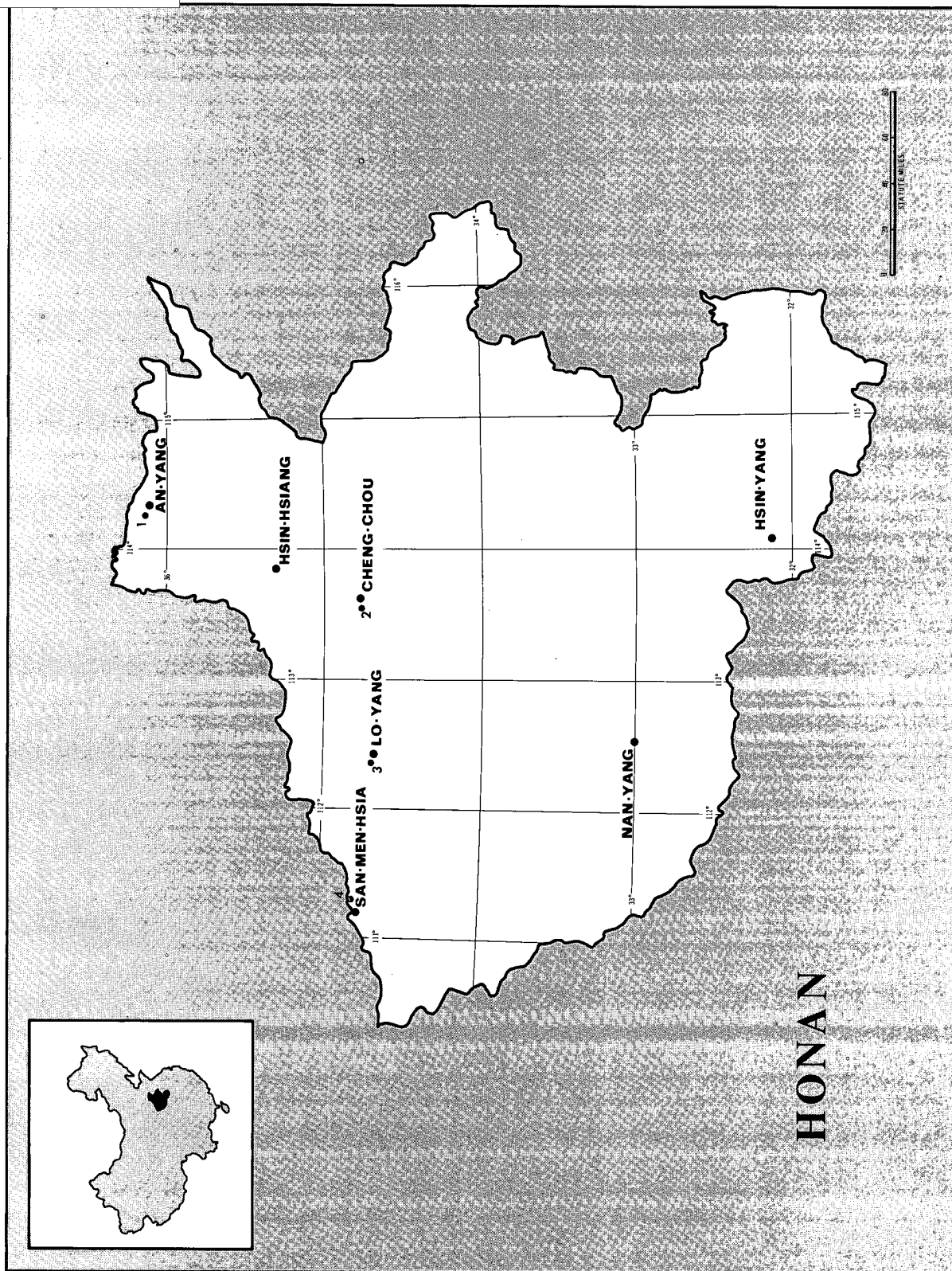


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report covers the following four major electric power plants in Honan Province (see Figure 1).

1. An-yang Thermal Power Plant.
2. Cheng-chou Heat and Thermal Power Plant.
3. Lo-yang Thermal Power Plant.
4. San-men Hsia Hydro Power Plant and Dam San-men Gorge.

Requirement

COMIREX NO1
Support Number 421944

Document Reference

CIA. RCS -13/0020/70, Major Electric Power Plants, Honan Province, China,
February 1970, [] (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
An-yang Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
50SKR540005	36-07-30N 114-16-20E	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet M0382-24HL. 3rd ed. Aug 67. Scale 1:200 000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (if required)
		NA

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BASIC DESCRIPTION

No apparent changes have been observed at the An-yang Thermal Power Plant since August 1969, the date of the latest photography used in the previous report. The status of construction at the boilerhouses could not be determined because of smoke obscuring them.

The plant was operating in December 1969, as indicated by heavy smoke issuing from the center stack.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Cheng-chou Heat and Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
49SGJ364496	34-46-08N 113-35-49E	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet 0385-9HL, 2nd ed, Nov 63, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at Cheng-chou Heat and Thermal Power Plant since October 1969, the date of the latest photography used in the previous report.

The plant was operating in July 1970. Heavy smoke was emanating from the western stack and light vapor from the two cooling towers. The spray ponds were in operation.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
San-men Hsia Hydro Power Plant and Dam San-men Gorge		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
49SEJ319545	34-49-46N 111-20-57E	
MAP REFERENCE		
548th RTG. USATC, Series 200, Sheet M0385-7HL, 2nd ed, Sep 68, Scale 1:200,000		
(SECRET, 25X1		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA 25X1

BASIC DESCRIPTION

No changes have been observed at San-men Hsia Hydro Power Plant and Dam since October 1969, the date of the latest photography used in the previous report.

The plant did not appear to be operating in June 1970. Little water was impounded behind the dam. No turbulence was observed in the tailrace and a heavy silt deposit had nearly blocked the tailrace. Turbulence was last observed in the tailrace on photography of September 1966. Since the previous report, the only activity seen at the dam has been changes in the position of the gantry cranes which raise and lower the spillway and powerhouse control gates.

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